

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111623\
 Data File : VU056412.D
 Acq On : 16 Nov 2023 17:09
 Operator : MD/SY
 Sample : 05371-11RE
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 01:39:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 01:31:28 2023
 Response via : Initial Calibration

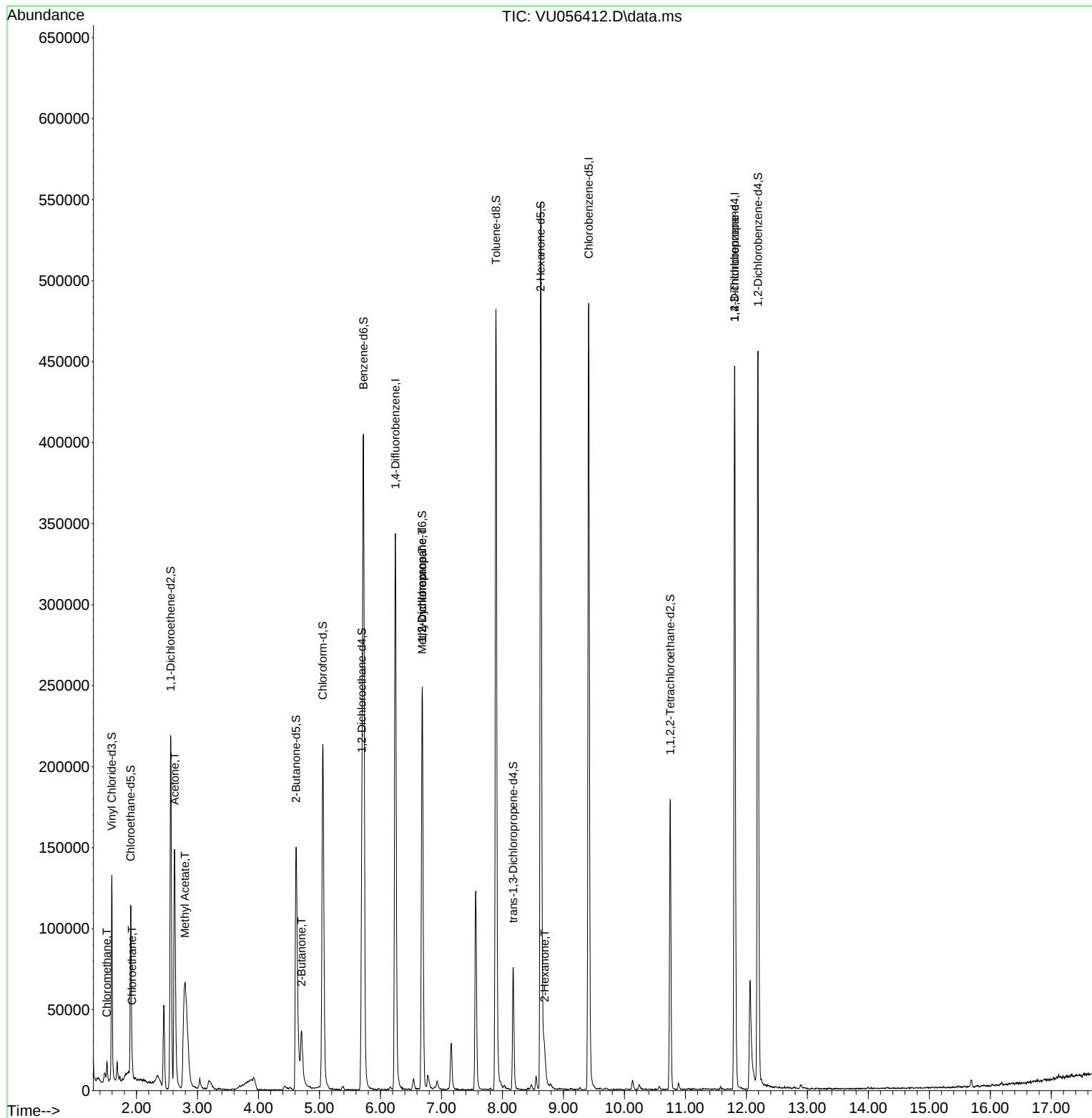
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	280852	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	282888	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	120064	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	89740	4.272	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.400%	
7) Chloroethane-d5	1.904	69	79654	4.945	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.000%	
11) 1,1-Dichloroethene-d2	2.560	65	40922	4.414	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.200%	
20) 2-Butanone-d5	4.618	46	236186	56.385	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.780%	
24) Chloroform-d	5.055	84	203673	5.013	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.200%	
26) 1,2-Dichloroethane-d4	5.695	65	101204	5.390	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.800%	
32) Benzene-d6	5.721	84	389755	4.624	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
36) 1,2-Dichloropropane-d6	6.685	67	121692	4.791	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.800%	
41) Toluene-d8	7.894	98	326402	4.386	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
43) trans-1,3-Dichloroprop...	8.177	79	44722	4.590	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.800%	
46) 2-Hexanone-d5	8.627	63	190078	49.648	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.300%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	90003	4.959	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	119574	5.391	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	7766	0.342	ug/L	98
8) Chloroethane	1.927	64	4547	0.340	ug/L	94
13) Acetone	2.624	43	180819	50.684	ug/L	98
15) Methyl Acetate	2.795	43	39071	6.154	ug/L #	49
21) 2-Butanone	4.708	43	51152	11.050	ug/L	97
35) Methylcyclohexane	6.682	83	29266	0.922	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	13330	0.633	ug/L #	89
48) 2-Hexanone	8.692	43	15195	1.869	ug/L #	88
61) 1,2,3-Trichloropropane	11.807	75	15490	1.504	ug/L #	67

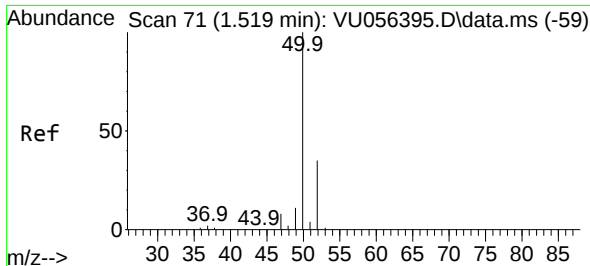
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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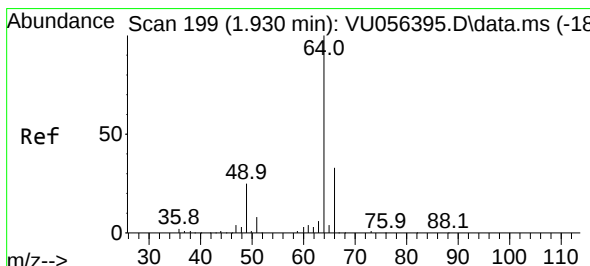
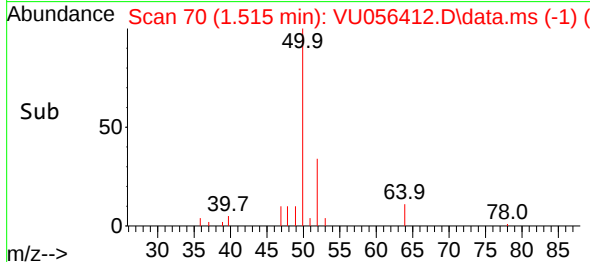
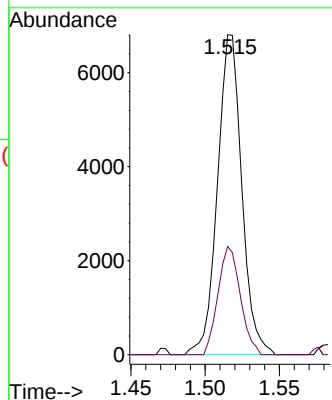
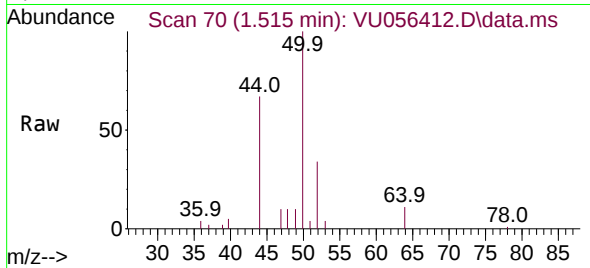




#3
Chloromethane
Concen: 0.342 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.004 min
Lab File: VU056412.D
Acq: 16 Nov 2023 17:09

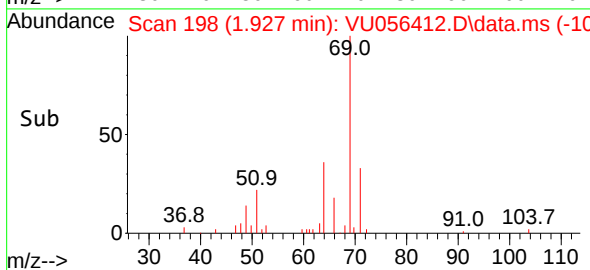
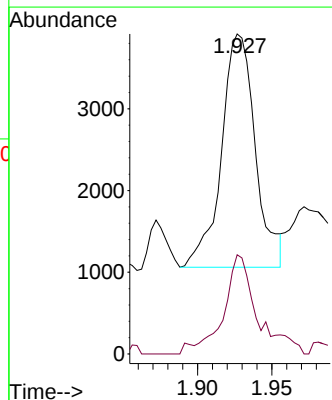
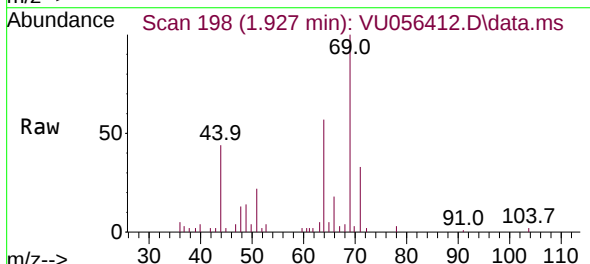
Instrument :
MSVOA_U
ClientSampleId :

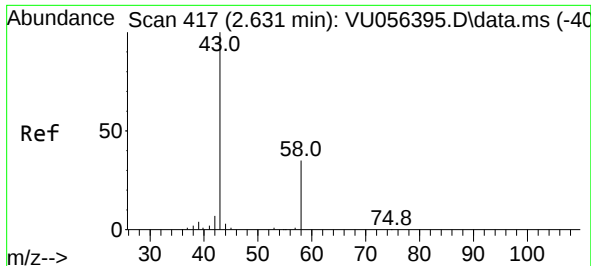
Tgt Ion: 50 Resp: 7766
Ion Ratio Lower Upper
50 100
52 33.8 24.3 45.1



#8
Chloroethane
Concen: 0.340 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.004 min
Lab File: VU056412.D
Acq: 16 Nov 2023 17:09

Tgt Ion: 64 Resp: 4547
Ion Ratio Lower Upper
64 100
66 31.0 23.9 44.5





#13

Acetone

Concen: 50.684 ug/L

RT: 2.624 min Scan# 41

Delta R.T. -0.007 min

Lab File: VU056412.D

Acq: 16 Nov 2023 17:09

Instrument :

MSVOA_U

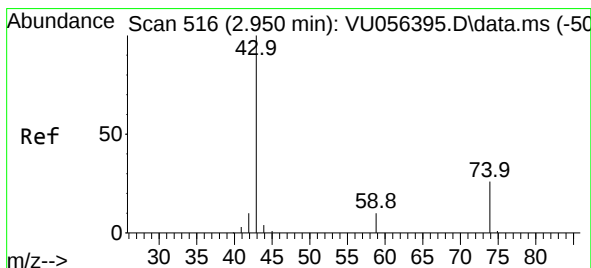
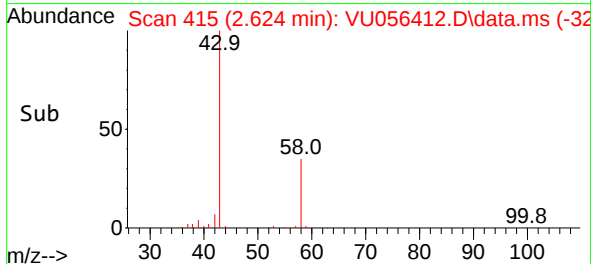
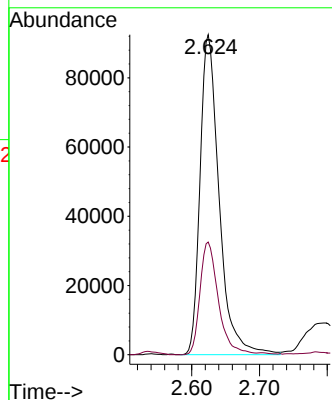
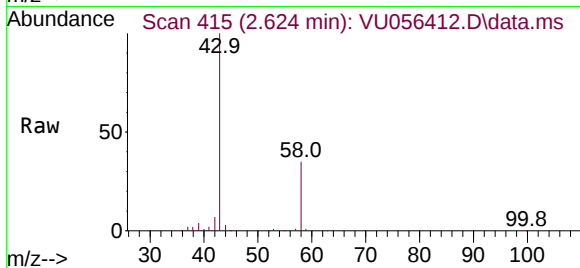
ClientSampleId :

Tgt Ion: 43 Resp: 180819

Ion Ratio Lower Upper

43 100

58 33.8 0.0 70.0



#15

Methyl Acetate

Concen: 6.154 ug/L

RT: 2.795 min Scan# 468

Delta R.T. -0.155 min

Lab File: VU056412.D

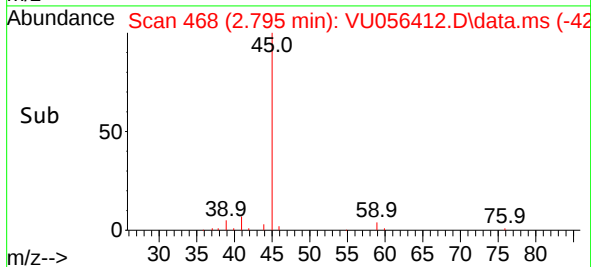
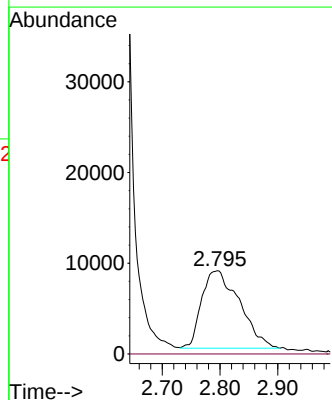
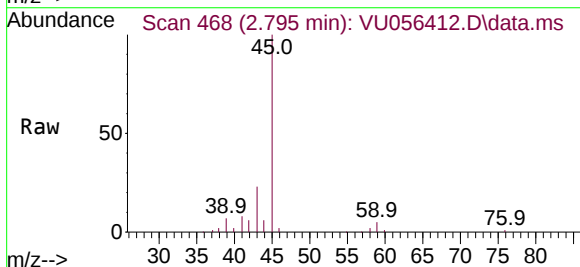
Acq: 16 Nov 2023 17:09

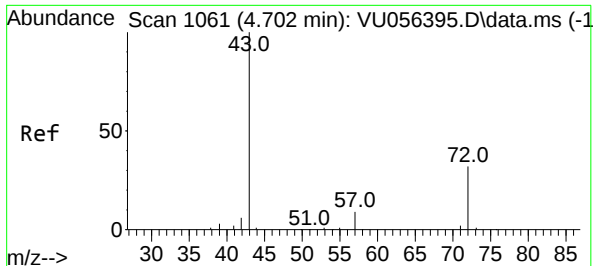
Tgt Ion: 43 Resp: 39071

Ion Ratio Lower Upper

43 100

74 0.0 20.6 31.0#

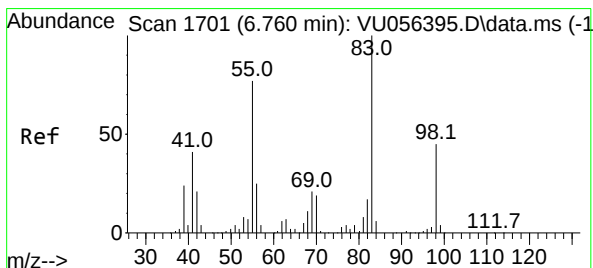
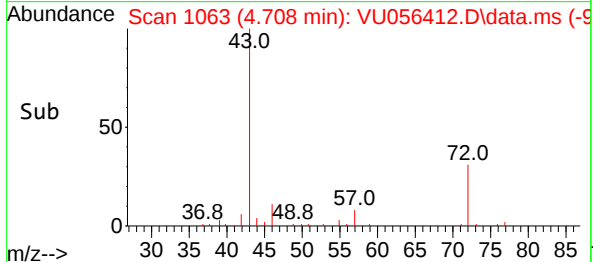
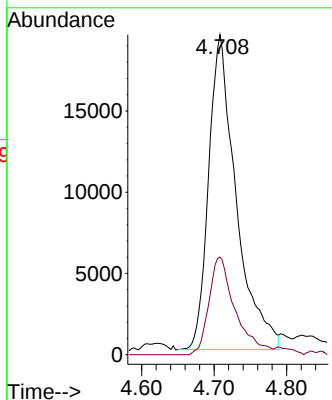
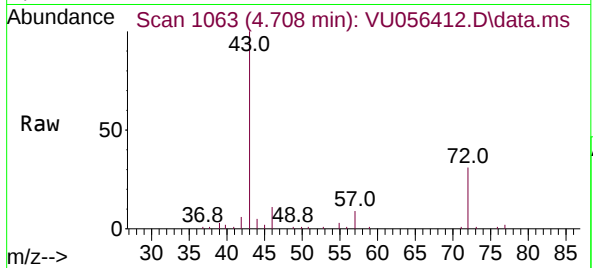




#21
2-Butanone
Concen: 11.050 ug/L
RT: 4.708 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VU056412.D
Acq: 16 Nov 2023 17:09

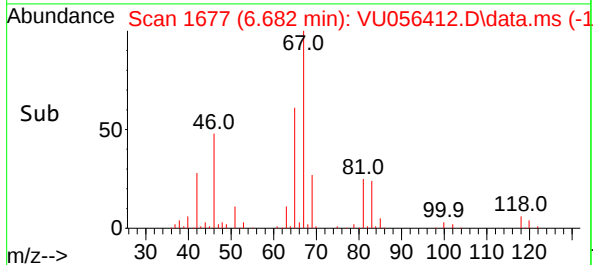
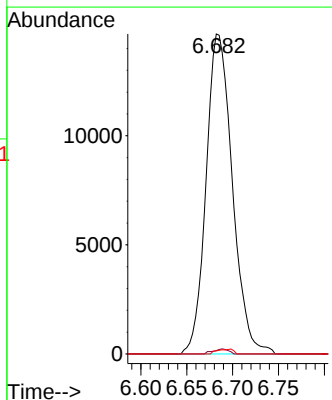
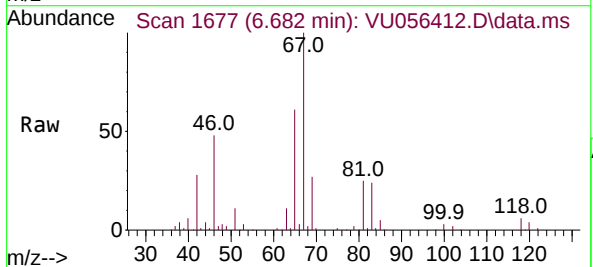
Instrument :
MSVOA_U
ClientSampleId :

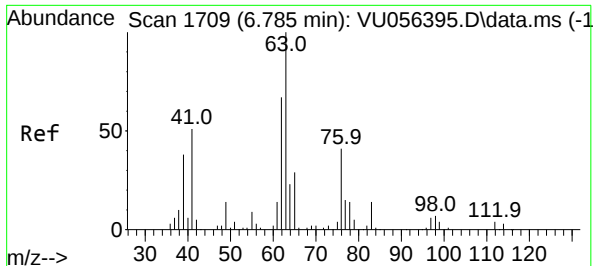
Tgt Ion: 43 Resp: 51152
Ion Ratio Lower Upper
43 100
72 29.8 14.2 42.6



#35
Methylcyclohexane
Concen: 0.922 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.078 min
Lab File: VU056412.D
Acq: 16 Nov 2023 17:09

Tgt Ion: 83 Resp: 29266
Ion Ratio Lower Upper
83 100
55 0.9 62.9 94.3#
98 0.9 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.633 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056412.D

Acq: 16 Nov 2023 17:09

Instrument :

MSVOA_U

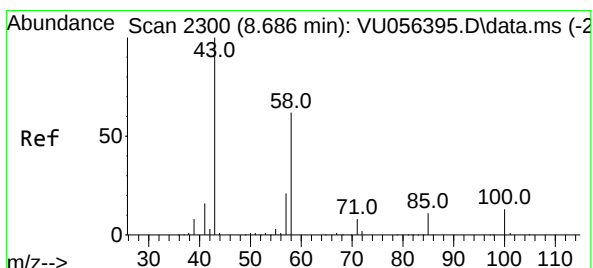
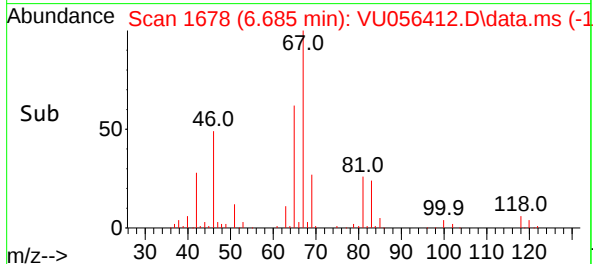
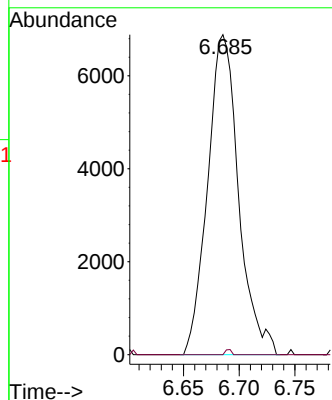
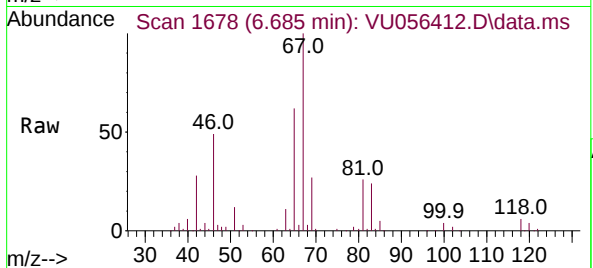
ClientSampleId :

Tgt Ion: 63 Resp: 13330

Ion Ratio Lower Upper

63 100

112 0.3 3.2 4.8#



#48

2-Hexanone

Concen: 1.869 ug/L

RT: 8.692 min Scan# 2302

Delta R.T. 0.006 min

Lab File: VU056412.D

Acq: 16 Nov 2023 17:09

Tgt Ion: 43 Resp: 15195

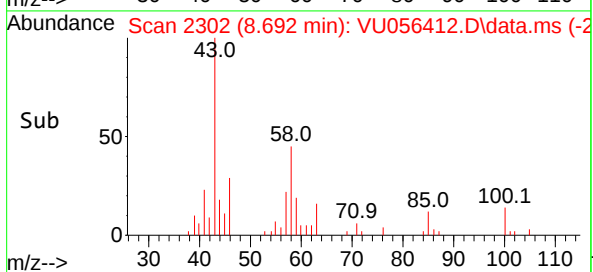
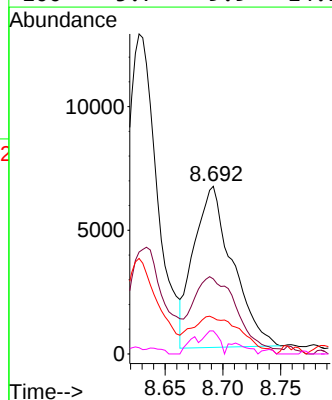
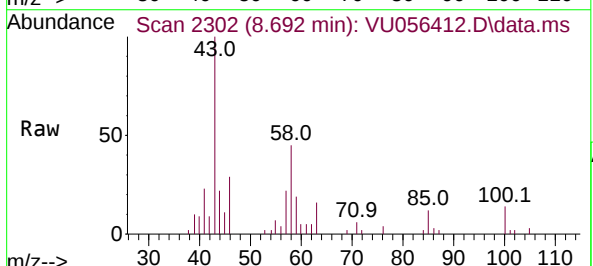
Ion Ratio Lower Upper

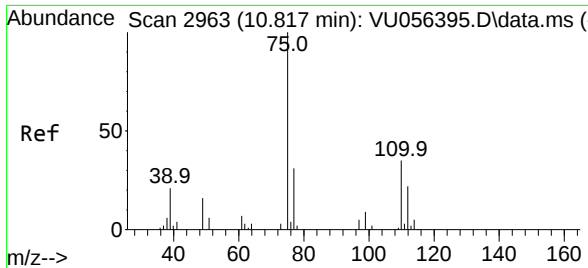
43 100

58 54.6 48.7 73.1

57 30.0 16.8 25.2#

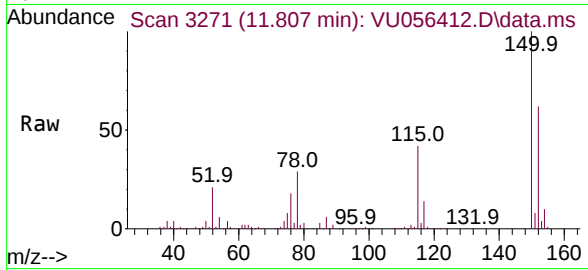
100 5.7 9.9 14.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.504 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056412.D
 Acq: 16 Nov 2023 17:09

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	15490
Ion Ratio	Lower	Upper
75	100	
110	2.6	30.4 45.6#
77	31.4	27.0 40.6

